

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 101712,629A  
Source: TEWJG  
Date Processed by STIC: 4-25-03

# ENTERED

BEST AVAILABLE COPY



IFW16

**RAW SEQUENCE LISTING** DATE: 04/25/2005  
**PATENT APPLICATION:** US/10/712,629A **TIME:** 11:18:48

**Input Set : A:\HR - Skin2.ST25.txt**  
**Output Set: N:\CRF4\04252005\J712629A.raw**

3 <110> APPLICANT: The Procter & Gamble Company  
 5 <120> TITLE OF INVENTION: Hairless Protein-Interacting Partner Complexes And Methods  
 6 Thereof For The Beautification And/Or Improvement Of Mammalian  
 7 Skin  
 9 <130> FILE REFERENCE: 9423  
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/712,629A  
 C--> 11 <141> CURRENT FILING DATE: 2003-11-13  
 11 <160> NUMBER OF SEQ ID NOS: 16  
 13 <170> SOFTWARE: PatentIn version 3.2  
 15 <210> SEQ ID NO: 1  
 16 <211> LENGTH: 660  
 17 <212> TYPE: DNA  
 18 <213> ORGANISM: Homo Sapiens Keratin 5  
 20 <400> SEQUENCE: 1  
 21 gccctcctgg aggttccaa gaggtcaactg tcaaccagag ttcctgact cccctaacc 60  
 23 tgccaaatcgaa cccccagcatc cagagggtga ggaccggagga ggcgcggcggat atcaagaccc 120  
 25 tcaacaataaa gtttgcctcc ttcatcgaca aggtgcgggt cctggggcggat cagaacaagg 180  
 27 ttctggcacac caagtggacc ctgctgcagg agcaggccac caagaccgtg aggccagaacc 240  
 29 tggagccgtt gttcgagcag tacatcaaca acctcaggag gcagctggac agcatcgtgg 300  
 31 gggAACGGGG ccgcctggac tcagagctaa gaaacatgca ggacctgggtg gaagacttca 360  
 33 agaacaagta tgaggatgaa atcaacaagc gtaccactgc tgagaatgag tttgtatgc 420  
 35 tgaagaagga tgttagatgct gcctacatga acaagggtgga gctggaggcc aaggtttagt 480  
 37 cactgatgga tgagattaac ttcatgaaga ttttttttttga tgccggagctg tcccagatgc 540  
 39 agacgcgtt ctctgacacc tcagtggtcc ttcctatggaa caacaaccgc aacctggacc 600  
 41 tggatagcat catcgctgag gtcaaggccc agtatgagga gattgccaac cgccggcggaa 660  
 44 <210> SEQ ID NO: 2  
 45 <211> LENGTH: 746  
 46 <212> TYPE: DNA  
 47 <213> ORGANISM: Homo Sapiens Ubiquitous Receptor  
 49 <400> SEQUENCE: 2  
 50 aaggatcgga aacagcagca gcaggaggta cagtcacagt cgccgttccacc tggggccgg 60  
 52 caggggcagca gcagctcagg ctctggccct gggggttccc ttgggtggatc tgaggcaggc 120  
 54 agccagggtct ccggggaaagg cgagggtgtc cagctaacag cggctcaaga actaatgatc 180  
 56 cagcagttgg tggccggccca actgcgtgc aacaaacgtt ctttctccca ccagccaaa 240  
 58 gtcacgcctt ggccctggg cgcagacccc cagtcggag atgcccggca gcaacgcttt 300  
 60 gcccacttca cggagctggc catcatctca gtccaggaga tgggtggactt cgctaaagcaa 360  
 62 gtgcctgggtt ttctgcgtt gggccgggag gaccagatcg ccctcctgaa ggcattccact 420  
 64 atcgagatca tgctgttgcgaa gacagccagg cgctacaacc acgagacaga gtgtatcacc 480  
 66 ttcttgagga cttcacctac agcaaggacg acttccaccg tgcaggccctg caggtggagt 540  
 68 tcatacccatcc catcttcggat ttctcgccggg ccatgcggcg gctggccctg gacgacgctg 600  
 70 agtacgcctt gctcatcgcc atcaacatct tctcgccga ccggcccaac gtgcaggagc 660  
 72 cggggccgcgt ggaggcgtt cagcagccct acgtggaggc gctgctgtcc tacacgcgc 720  
 74 tcaagaggcc gcaggaccag ctgcgc 746

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/10/712,629A**

**DATE: 04/25/2005**  
**TIME: 11:18:48**

**Input Set : A:\HR - Skin2.ST25.txt**  
**Output Set: N:\CRF4\04252005\J712629A.raw**

77 <210> SEQ ID NO: 3  
 78 <211> LENGTH: 705  
 79 <212> TYPE: DNA  
 80 <213> ORGANISM: Homo Sapiens Protein Inhibitor of Activated STAT-1  
 82 <400> SEQUENCE: 3  
 83 gcggaactaa agcaaatgg tatgagcctt agagttctg aactccaagt actgttggc 60  
 85 tacgcgggaa gaaacaagca cggacgcaaa cacgaacttc tcacaaaagc cctgcatttg 120  
 87 ctaaaggctg gctgttagtcc tgctgtgcaa atgaaaatta aggaactcta taggcggcg 180  
 89 ttcccacaga aaatcatgac gcctgcagac ttgtccatcc ccaacgtaca ttcaagtcc 240  
 91 atgccagcaa ctgtctcc atctaccatt ccacaactca cttacgtatgg tcaccctgca 300  
 93 tcatcgccat tactccctgt ttctcttctg ggacctaatac atgaactgaa actcccacat 360  
 95 cttacatcag ctcttcaccc agtccatccg gatataaaaac ttcaaaaatt accatttat 420  
 97 gatttactgg atgaactgtat aaaacccacc agtctagcat cagacaacag tcagcgctt 480  
 99 cgagaaacct gtttgcatt tgccctgaca ccacaacaag tgcagcaaat cagtagttcc 540  
 101 atggatattt ctgggaccaa atgtgacttc acagtagcagg tccagttaaag gttttgtta 600  
 103 tcagaaacca gttgtccaca agaagatcac ttcccaccca atctttgtgt gaaagtgaat 660  
 105 acaaaaacctt gcagccttcc aggttacctt ccacctacaa aaaaat 705  
 108 <210> SEQ ID NO: 4  
 109 <211> LENGTH: 792  
 110 <212> TYPE: DNA  
 111 <213> ORGANISM: Homo Sapiens Similar to Stromal Antigen 2  
 113 <400> SEQUENCE: 4  
 114 gagagtgctc tgattgaaat aatgctttgt accatttagac aagcgggtga atgtcattcct 60  
 116 cccgtgggaa gagggacagg aaaaagggtg cttacagcaa aggagaagaa gacacagttg 120  
 118 gatgatagga caaaaatcac tgagctttt gccgtggccc ttccctcagtt attagcaaaa 180  
 120 tactctgtat atgcagaaaa ggtgactaac ttgttgactg tgcctcagta cttgatttg 240  
 122 gaaatatata ccactggacg attagaaaaag catttggatg ctttattgcg acagatccgg 300  
 124 aatattgtat agaagcacac agatacagat gttttggaaat catgttctaa aacttaccat 360  
 126 gcactctgtat atgaagagtt cacaatcttc aacagagtag atatttcaag aagtcaactg 420  
 128 atagatgaat tggcagataa attaaccgg ctttttgaag attttctgca agagggtgaa 480  
 130 gaacctgatg aagatgatgc atatcaggta ttgtcaacat tgaagaggat cactgctttt 540  
 132 cataatgccc atgaccttcc aaagtggat ttatttgctt gtaattacaa actcttgaaa 600  
 134 actggaatcg aaaatggaga catgcctgag cagattgtt ttcacgcact gcaagtgtact 660  
 136 cactatgtaa tcctttggca acttgctaaatataactgaaa gcagctctac aaaggaggac 720  
 138 ttgctgcgtt taaagaaaca aatgagagta ttttgcaga tatgtcaaca ttacctgacc 780  
 140 aacgtgaata ct 792  
 143 <210> SEQ ID NO: 5  
 144 <211> LENGTH: 747  
 145 <212> TYPE: DNA  
 146 <213> ORGANISM: Homo Sapiens Nucleoporin 160 Kda  
 148 <400> SEQUENCE: 5  
 149 actgaagcag gtgatgactg gaaaagtca gctactctaa ggacatgtat tttcaaacat 60  
 151 catttggatt tgggtcacaa tagccaagca tatgaaggct taacccaaat tcctgattcc 120  
 153 agcaggcaat tagattgttt acggcagttg gtggtagttc tttgtgaacg ctcacagct 180  
 155 caggatcttg tagagttcc ctatgtaat ctgcataatg aggttgggg aataattgag 240  
 157 tcacgtgcta gagctgtgga ccttatgact cacaattact atgaacttct gtatgccttt 300  
 159 cacatctatc gccacaatta ccgcaaggct ggcacagtga tgtttgagta tggaatgcgg 360  
 161 cttggcagag aagttcgaac tctccgggaa cttgagaaac aaggcaactg ttatctggct 420  
 163 gctctcaatt gtttacgact tattcgtcca gaatatgcgt ggattgtgca gcccagggtct 480

## RAW SEQUENCE LISTING

DATE: 04/25/2005

PATENT APPLICATION: US/10/712,629A

TIME: 11:18:48

Input Set : A:\HR - Skin2.ST25.txt

Output Set: N:\CRF4\04252005\J712629A.raw

165 ggtgcagtgt atgatcgccc tggagcatcc cctaaagagga atcatgatgg agaatgcaca	540
167 gctccccca caaatcgaca aattgaaatc ctggaaactgg aagatctgga gaaagagtgt	600
169 tccttggctc gcatccgcct cactttggct cagcatgatc catcaggcgt tgcagttgct	660
171 ggaagttcat cagcagagga aatggtcact ctcttggttc aggccggcct ctttgacact	720
173 gccatatcac tctgtcagac ttttaag	747
176 <210> SEQ ID NO: 6	
177 <211> LENGTH: 683	
178 <212> TYPE: DNA	
179 <213> ORGANISM: Homo Sapiens Retinoic Acid Receptor Gamma-1	
181 <400> SEQUENCE: 6	
182 cctgaccagg tattagagaag ccagtctctg caggcggcca gcgggacttt tggaggccc	60
184 gtgggcaggc caggcaggc gggtacggag cttcccaggc tggggcagtg ggcattggca	120
186 ggggctgtgg ctgaagacct cggccggcca ctgcagaccc caggggactc tcacaccgca	180
188 gctgccatgg ccaccaataa ggagcgactc tttggggctg gtggccctgg gcctggatct	240
190 ggctacccag gggcagggtt ccccttcggc ttcccagggg cactcagggg gtctccggcct	300
192 ttgcagatgc tgagccctag cttccggggc ctggggccagc ctgacccccc caaggagatg	360
194 gcctctctgt cggtgagac acagagcacc agctcagagg agatggtgc cagtcggccc	420
196 tcgccccctc cgccctcctcg ggtctacaag ccattgttcg tttgtcaatga caagtccctct	480
198 ggctaccact atggggtcag ctcttgcgaa ggctgcaagg gcttcttcg ccgaagcato	540
200 cagaagaaca tggtgtacac gtgtcaccgc gacaaaaact gtatcatcaa caaggtgacc	600
202 aggaatcgct gccagtaactg ccggctacag aagtgcctcg aagtggcat gtccaaaggaa	660
204 gctgtgcgaa atgaccggaa caa	683
207 <210> SEQ ID NO: 7	
208 <211> LENGTH: 744	
209 <212> TYPE: DNA	
210 <213> ORGANISM: Homo Sapiens Thyroid Hormone Receptor Alpha	
212 <400> SEQUENCE: 7	
213 gtggagtggtg ggtcagaccc agaggagaac agtgcagggt caccagatgg aaagcgaaaa	60
215 agaaaagaacg gccaatgttc cctgaaaacc agcatgtcag ggttatatccc tagttacctg	120
217 gacaaagacg agcagtgtgt cgtgtgtgg gacaaggcaa ctggttatca ctaccgctgt	180
219 atcacttgcg agggtgcacca gggcttctt cggccgcacaa tccagaagaa cctccatccc	240
221 acctattcct gcaaataatga cagctgcgtgt gtcattgaca agatcaccgg caatcagtgc	300
223 cagctgtgcc gcttcaagaa gtgcattcgcc gtgggcatgg ccatggactt ggttcttagat	360
225 gactcgaagc gggtgccaa gcgttaagctg attgagcaga accgggagcg gggcgaaag	420
227 gaggagatga tccgatcaact gcagcagcga ccagagccca ctccctgaaga gtgggatctg	480
229 atccacatcg ccacagaggg ccatcgccac accaatgccc agggcagcca ttggaaacag	540
231 aggcggaaat tcctggccga tgacattggc cagtcaccca ttgtctccat gccggacgg	600
233 gacaagggtgg acctggaaac cttcagcgag tttaccaaga tcattcacccc ggcacatcacc	660
235 cgtgtgggtgg actttgcacaa aaaactgccc atgttctcg agctgccttg cgaagaccag	720
237 atcatcctcc tgaaggggtg ctgc	744
240 <210> SEQ ID NO: 8	
241 <211> LENGTH: 719	
242 <212> TYPE: DNA	
243 <213> ORGANISM: Homo Sapiens Annexin A1	
245 <400> SEQUENCE: 8	
246 gcacagcggtc aacagatcaa agcagcatat ctccaggaaa cagggaaagcc cctggatgaa	60
248 acactgaaga aaggccctac aggtcaccctt gaggaggtt ttttagctct gctaaaaact	120
250 ccagcgcaat ttgatgctga tgaacttcgt gctgccatga agggccttgg aactgtatgaa	180
252 gatactctaa ttgagatttt ggcattcaaga actaacaagaa aatcagaga cattaacagg	240

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/712,629A

DATE: 04/25/2005

TIME: 11:18:48

Input Set : A:\HR - Skin2.ST25.txt

Output Set: N:\CRF4\04252005\J712629A.raw

254	gtctacagag aggaactgaa gagagatctg gccaaagaca taacctcaga cacatctgga	300
256	gatttcgga acgcttgct ttctcttgc aagggtgacc gatctgagga ctttggtgtg	360
258	aatgaagact tggctgattc agatgccagg gcctgtatg aagcaggaga aaggagaaag	420
260	gggacagacg taaacgtgtt caataccatc cttaccacca gaagctatcc acaacttcgc	480
262	agagtgtttc agaaatacac caagtacagt aagcatgaca tgaacaaagt tctggacctg	540
264	gagttgaaag gtgacattga gaaatgcotc acagctatcg tgaagtgcgc cacaagcaaa	600
266	ccagctttct ttgcagagaa gttcatcaa gccatgaaag gtgttggAAC tcgcccataag	660
268	gcattgatca ggattatggt ttcccggttct gaaattgaca tgaatgatat caaaggatt	719
271	<210> SEQ ID NO: 9	
272	<211> LENGTH: 323	
273	<212> TYPE: DNA	
274	<213> ORGANISM: Homo Sapiens HIC Protein Isoform P32 and Isoform 40	
276	<400> SEQUENCE: 9	
277	aagccctcgc tccccggccc gtggggccgc agcgcgtggc cgaggccggc ggccggccagc	60
279	tgggctccac agcccaggaa aatgtgata aagacaatac tgagaaagat ataactcaag	120
281	ctaccaatag ccacttcaca catggagaga tgcaagacca gtccatttgg gaaaatcctt	180
283	cggatggta actcattaga acccaacctc agcgcttgc tcagcttcag acttcagcac	240
285	aggtgccaag tggtgaggaa ataggcaaga taaaAGACGG ccacacaggt ctgagcaatg	300
287	gaaaatgaaat tcaccacggg gcc	323
290	<210> SEQ ID NO: 10	
291	<211> LENGTH: 610	
292	<212> TYPE: DNA	
293	<213> ORGANISM: Homo Sapiens Insulin-like Growth Factor Binding Domain Protein 6	
295	<400> SEQUENCE: 10	
296	ccaggaggcg cttggcgcg gtgcccaggc tgccggcaag ggggtgcaggc ggggtgtcca	60
298	gggggctcg tggaggagga ggtatgggggg tcgcgcagccg agggctgcgc ggaagctgag	120
300	ggctgtctca ggaggggaggg gcaggagtgc ggggtctaca cccctaactg cgccccagga	180
302	ctgcagtgcc atccgcccaa ggacgcacgg gcgccttgc gggcgctgtct gctggccga	240
304	ggccgctgcc ttccggcccg cgccgcgtct gttgcagagg agaattctaa ggagagtaaa	300
306	cccccaagcag gcactgccc cccacaggat gtgaaccgca gagaccaaca gaggaaatcca	360
308	ggcacctcta ccacgcctc ccagcccaat tctgcgggtg tccaaagacac tgagatggc	420
310	ccatgccgtt gacatctgga ctcagtgtcg cagcaactcc agactgaggt ctaccgagg	480
312	gctcaaacac tctacgtgcc caattgtgac catcgaggct tctaccggaa gcggcagtgc	540
314	cgctccccc aggggcagcg ccgaggtccc tgctgggtg tggatcgat gggcaagtcc	600
316	ctgcccagggt	610
319	<210> SEQ ID NO: 11	
320	<211> LENGTH: 718	
321	<212> TYPE: DNA	
322	<213> ORGANISM: Homo Sapiens Inner Membrane Protein, Mitochondrial	
324	<400> SEQUENCE: 11	
325	aaaccccacac ctgcactttc agaagaagca tcctcatctt ctataaggga gcgaccacct	60
327	gaagaagttt cagctcgct tgcacaacag gaaaaacaag aacaagttaa aattgagtct	120
329	ctagccaaga gcttagaaga tgctctgagg caaactgcaa gtgtcaactt gcaggctatt	180
331	gcagctcaga atgctcggtt ccaggctgtc aatgcacact ccaacatatt gaaagccgc	240
333	atggacaatt ctgagattgc aggcgagaag aaatctgttc agtggcgac agtggagggt	300
335	gcattgaagg aacgcagaaa ggcagtagat gaagctgcgc atgccttct caaagccaaa	360
337	gaagagttt agaagatgaa aagtgtgatt gaaaatgca agaaaaaaa ggttgctgg	420
339	gccaagcctc atataactgc tgcagagggt aaacttcaca acatgatagt tgatctggat	480
341	aatgtggtaaaaaggatcca agcagctcag tctgaggctc aggttgtatc tcagtatcat	540

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/712,629A

DATE: 04/25/2005

TIME: 11:18:48

Input Set : A:\HR - Skin2.ST25.txt

Output Set: N:\CRF4\04252005\J712629A.raw

343	gagctggtgg tccaaagctcg ggatgacttt aaacgagagc tggacagtat tactccagaa	600
345	gtccttcctg ggtggaaagg aatgagtgtt tcagacttag ctgacaagct ctctactgat	660
347	gatctgaact ccctcattgc tcatacgacat cgtcgattt atcagctgaa cagagagc	718
350	<210> SEQ ID NO: 12	
351	<211> LENGTH: 720	
352	<212> TYPE: DNA	
353	<213> ORGANISM: Homo Sapiens Endoplasmic reticulum thioredoxin superfamily member	
355	<400> SEQUENCE: 12	
356	ggaccgtctg ctgggactcc ggcctcgctt ccgcctcagcc ccgtggcccc gcgcacccac	60
358	tgcctatggag acgcggcctc gtctcgggcc cacctgtttt ctgggcttca gtttcctgct	120
360	cctcgatcatc tcttcgtatg gacataatgg gcttggaaag ggttttgag atcatattca	180
362	ttggaggaca ctggaagatg ggaagaaaaga agcagctgcc agtggactgc ccctgtatgg	240
364	gattattcat aaatccttgtt gtggagcttg caaagctcta aagcccaaattt ttgcagaatc	300
366	tacggaaattt tcagaactct cccataattt tgttatggta aatcttgagg atgaagagga	360
368	acccaaagat gaagattca gcccgtacgg gggtatattt ccacgaatcc ttttctgga	420
370	tcccaagtggc aagggtgcattt ctgaaatcat caatgagaat ggaacccca gctacaagta	480
372	tttttatgtc agtgcgcgac aagttgttca gggatgaaag gaagctcagg aaaggctgac	540
374	gggtgatgcc ttcaaaaaaa aacatcttga agatgaatttta aacatgaat gtgccttc	600
376	tttcatcaga gttatgttca tgaaaggaaa gcagcaggaa agggatattt gaggatcat	660
378	ctagaacaat taagccgacc aggaaacctc attcctaccc acactggaaag gagcgctctc	720
381	<210> SEQ ID NO: 13	
382	<211> LENGTH: 779	
383	<212> TYPE: DNA	
384	<213> ORGANISM: Homo Sapiens Protein Inhibitor of Activated STAT-3	
386	<400> SEQUENCE: 13	
387	cctgtaggct cccctggtcc tctagctccc attccccaa cgctgttggc ccctggcacc	60
389	ctgctggccc ccaagcgtga ggtggacatg caccccccctc tgccccagcc tgcacccct	120
391	gatgtcacca tgaaaccattt gcccattatg gaagtctatg gggagctcat ccggccccc	180
393	acccttgcat ccacttcttag ccagcggtt gaggaaagcgc actttacett tgccctcaca	240
395	ccccagcaag tgcagcagat ttttacatcc agagaggatc tgccaggagc caaatgtat	300
397	tataccatac aggtgcagct aaggttctgt ctctgtgaga ccagctgccc ccaggaagat	360
399	tatccatcc ccaacctttt tgtcaaggatc aatggaaac tgcgtccctt gcccggttac	420
401	tttccatcc ccaagaatgg ggccgagccc aagaggccca gcccggccat caacatcaca	480
403	ccccctggctc gactctcagc cactgttccc aacaccattt tggtaatttgc tgcacccat	540
405	ttcggacgga attactcattt gtctgtgtac ctggatggc agttgactgc aggaacccctt	600
407	ctacaaaaac tcagagaaaaa ggttatccgg aaccctggacc actcgcgggc actgatcaag	660
409	gagaatttta ctgctgaccc tgacagttagt gttggccacta caagtctccg ggtgtcactc	720
411	atgtggccgc tagggaaat ggcctgact gtccttgcgtc gtccctcac ctgcggccca	779
414	<210> SEQ ID NO: 14	
415	<211> LENGTH: 738	
416	<212> TYPE: DNA	
417	<213> ORGANISM: Homo Sapiens DEAD box polypeptide 3	
419	<400> SEQUENCE: 14	
420	ggcgaggctt tgaggccat gaaggaaaat ggaaggatgg ggcggcccaa acaataccctt	60
422	atctccttgg tattagcacc aacgagagat ttggcgtac agatctacga ggaagccaga	120
424	aaattttcat accgatcttag agttcgatcc tgcgtggttt atgggtggc cgtatattgg	180
426	cacggatcc gagacttggc acgtggatgc cattgttag tagccactcc aggacgtctt	240
428	gtggatatga tgaaagagg aaagatttggc tttagactttt gcaaaatattt ggtgttagat	300
430	gaagctgatc ggatgttggc tatgggttt gagcctcaga ttctgtat agtcaacaa	360

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/712,629A

DATE: 04/25/2005

TIME: 11:18:49

Input Set : A:\HR - Skin2.ST25.txt

Output Set: N:\CRF4\04252005\J712629A.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date